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PATENT  
Customer No. 22,852  
Attorney Docket No. 04329.3190

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Takafumi YAMAJI ) Group Art Unit: 2681  
)  
Application No.: 10/725,519 ) Examiner: Unknown  
)  
Filed: December 3, 2003 )  
)  
For: VARIABLE RESOLUTION A/D ) Confirmation No.: 5009  
CONVERTER )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached listing. This Supplemental Information Disclosure Statement (IDS) is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. This IDS supplements the IDS filed on November 12, 2004, which supplemented the IDS filed on December 3, 2003.

The documents listed in this Information Disclosure Statement were first cited in the attached European Search Report from the European Patent Office in a corresponding European Patent Application. Applicant respectfully requests that the Examiner consider the listed documents and indicate their consideration by making appropriate notations on the attached form.

Copies of the U.S. patents are not enclosed. Applicant notes that the European Search Report cites SETTY, P. et al., "FA 9.6: A 5.75b 350Msamples or 6.75b

150MSample/s Reconfigurable Flash ADC for PRML Read Channel", IEEE International Solid-State Circuits Conference, Digest of Tech. Papers, pp. 148-149, (1998). This document was already submitted to the Patent Office and listed on the PTO-1449 form in the IDS filed on December 3, 2003. Therefore, Applicant is not listing or enclosing a copy of this document.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any or all of the listed documents are material or constitute "prior art." If the Examiner applies any or all of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any or all of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: January 25, 2005

By:   
Wenye Tan  
Reg. No. 55,662

Complete if Known

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number

10/725,519

Filing Date

December 3, 2003

First Named Inventor

Takafumi YAMAJI

Art Unit

2681

Examiner Name

Unknown

Attorney Docket Number

04329.3190

## U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-6,340,944 B1	01/2002	Chang et al.	
		US-5,248,973	09/1993	Babu et al.	
		US-5,568,142	10/22/1996	Velazquez et al.	
		US-5,610,604	03/11/1997	Leacock et al.	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 838 903 A1	04/29/1998			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		European Search Report issued by European Patent Office on September 27, 2004 in European application No. 03257343	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.